

TMH/DAG:jam 01/26/06 464662 S98014E  
PATENTAttorney Reference Number 7158-71253-11  
Application Number 10/687,361

## LISTING OF CLAIMS

The following listing of claims will replace all prior versions, and listings of claims in the application:

1-3. (Cancelled).

4. (Currently amended) A method of detecting Pin1 protein in a cell sample, comprising contacting a cell sample with ~~a binding reagent to an antibody that selectively binds to a Pin1 protein having the amino acid sequence as set forth in SEQ ID NO: 2, and determining specific binding of said binding reagent to a polypeptide or nucleic acid within~~ whether said antibody binds to said cell sample, wherein specific binding of said binding reagent binding of said antibody to said cell sample is indicative of the presence of Pin1 protein in said cell sample.

5-8. (Cancelled).

9. (Currently amended) The method of claim 4, wherein said cell sample comprises a cell, tissue, biological fluid or component thereof suspected of containing a Pin1 ~~antigen or encoding nucleic acid~~ protein.

10. (Previously presented) The method of claim 4, wherein said cell sample comprises a human cell sample.

11. (Previously presented) The method of claim 10, wherein said cell sample comprises a hyperproliferative cell.

12. (Previously presented) The method of claim 11, wherein said hyperproliferative cell is from a cancer.

13. (Previously presented) The method of claim 12, wherein said cancer is selected from the group consisting of lung cancer, breast cancer, lymphoid cancer, cancer of the

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gastrointestinal, genito-urinary tract, adenocarcinoma, colon cancer, renal-cell carcinoma, prostate cancer, leukemia, non-small cell carcinoma of the lung, cancer of the small intestine, and cancer of the esophagus.

14-33. (Cancelled).

34. (Currently amended) The method of claim 11, further comprising detecting a difference in ~~an~~the amount of specific binding of said ~~Pin1-binding reagent within~~antibody to said hyperproliferative cell sample as compared to an amount of specific binding of said Pin1 ~~binding reagent to a polypeptide or nucleic acid within~~antibody to a normal cell sample.